

Date: Mon, 20 Sep 93 04:30:02 PDT
From: Packet-Radio Mailing List and Newsgroup <packet-radio@ucsd.edu>
Errors-To: Packet-Radio-Errors@UCSD.Edu
Reply-To: Packet-Radio@UCSD.Edu
Precedence: Bulk
Subject: Packet-Radio Digest V93 #276
To: packet-radio

Packet-Radio Digest Mon, 20 Sep 93 Volume 93 : Issue 276

Today's Topics:

Digital from New England to Europe; your thoughts on the best ways?
 Installing Ax25 Packet Driver? (2 msgs)
 Invitation to Ecuador
 Monitoring Packet?
 NF3I -- Scott Rosenfeld

Send Replies or notes for publication to: <Packet-Radio@UCSD.Edu>
Send subscription requests to: <Packet-Radio-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Packet-Radio Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/packet-radio".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Mon, 20 Sep 1993 02:05:06 GMT
From: world!slm@uunet.uu.net
Subject: Digital from New England to Europe; your thoughts on the best ways?
To: packet-radio@ucsd.edu

Greetings! I hope some folks here on the net can offer some suggestions,
advice, and opinions on the following ``problem.''

I am in New England, and want to send a digital message to a friend in
Slovenia. Alas, he has no Internet connection :-) ... but he is on
``regular'' (i.e. AX.25) packet.

I have been simply writing my messages on my local BBS (K1UGM), which
forwards them to a regional hub in New Hampshire, which then ships them via
AMTOR to a system in Croatia (which is down a fair amount), which then
forwards them to Slovenia. This can take less than a day with a lot of luck;
it also can (and often has) take longer than postal mail.

I'm trying to figure out what might be faster and still reliable, and have been thinking about the following:

* TCP/IP. I hear some folks are experimenting with ``encapsulating'' TCP/IP ham messages in Internet to get them ``over the pond,'' which seems nice, fast, and reliable (no worries about solar flares). However, my friend on the other side isn't on TCP/IP (actually, neither am I yet, although I will make the effort to set up and learn if it seems it will be worthwhile). Could this still work? Are there gateways I could use to send messages reasonably fast to Europe? Could I realistically (not awfully slow) telnet via TCP/IP into a BBS in Europe to forward a message? Can I send a TCP/IP message here and have it get reasonably fast to an AX.25 system in Europe?

* Routing AX.25 through NY. Most international traffic in New England is routed through the hub in NH. However, from what I've read, it looks like New York has a very nice gateway into London; and WA2NDV forwards ``twice hourly.'' I tried getting into WA2NDV myself via 2m AX.25; but through 4 digipeaters, it is too slow to be worthwhile. What about sending a message on my local 2m AX.25 board and somehow routing it to go through WA2NDV? Can I do this--tell a message on a BBS how I want it routed? Would I then I need to know an entire path also from London to Slovenia? [Please excuse me if these questions seem painfully elementary, but I'm curious and don't know]

* AMTOR myself to 9A0APL. I've never used AMTOR but have the capability (PK-232). Perhaps it's worthwhile to send my mail myself to 9A0APL via AMTOR, instead of having the NH hub do it for me? Could I sign onto the system myself and send a message to forward somewhere else, like on a packet BBS?

* Internet/packet gateway? There's such a thing in the States, I know; but is it possible to send an Internet message to a system in Europe that would then put it back into the packet system there?

* Any other ideas? (i.e. HF packet, which I heard is terribly slow, or something else)

Thanks for your thoughts. Although what I have been doing (using the local 2m BBS) has been working, I'd really like to know more about this than just posting on a local BBS and having the messages eventually arrive, "somehow," to their destination.

73, Sharon KC1YR

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electronic address: slm@world.std.com

Date: Sun, 19 Sep 93 07:08:21 CDT
From: newsflash.concordia.ca!mizar.cc.umanitoba.ca!bison!sys6626!inqmind!
jose@uunet.uu.net
Subject: Installing Ax25 Packet Driver?
To: packet-radio@ucsd.edu

Hello

Has anyone successfully installed the ax25 packet driver for the Baycom
modem, which allows one to use TCP/IP? I am using COM 1, IRQ 4, but I
am unable to get it to talk to Jnos 1.07. The modem works fine with
other standard programs (SP, GP, Baycom, etc.). If possible,
someone could instruct me as to which "attach" commands I need
to insert in the autoexec.nos file? Any help would be appreciated.

73 de Jose

jose@inqmind.bison.mb.ca
The Inquiring Mind BBS, Winnipeg, Manitoba 204 488-1607

Date: 19 Sep 93 23:41:31 GMT
From: dog.ee.lbl.gov!agate!doc.ic.ac.uk!pipex!sunic!trane.uninett.no!
news.eunet.no!nuug!news.eunet.fi!funic!nntp.hut.fi!nntp.hut.fi!
Tomi.Manninen@network.ucsd.edu
Subject: Installing Ax25 Packet Driver?
To: packet-radio@ucsd.edu

In article <m9H50B2w165w@inqmind.bison.mb.ca> jose@inqmind.bison.mb.ca (Jose Vieira) writes:

>Has anyone successfully installed the ax25 packet driver for the Baycom
>modem, which allows one to use TCP/IP? I am using COM 1, IRQ 4, but I
>am unable to get it to talk to Jnos 1.07. The modem works fine with
>other standard programs (SP, GP, Baycom, etc.). If possible,
>someone could instruct me as to which "attach" commands I need
>to insert in the autoexec.nos file? Any help would be appreciated.

First you load the packet driver before nos:

```
ax25drv.com -b1200 -i60 -B3f8 -I4
```

and then in autoexec.nos you attach a packet interface for it:

```
attach packet 0x60 ax0 8 256
```

That should do it.

--

---Tomi Manninen / Tomi.Manninen@hut.fi / OH2BNS @ OH2RBI.FIN.EU---

Date: 20 Sep 93 04:17:41 GMT
From: news-mail-gateway@ucsd.edu
Subject: Invitation to Ecuador
To: packet-radio@ucsd.edu

Hello,

We are EcuaNet, the ecuadorian backbone for the Internet. As a non profit corporation, we provide to universities, high schools and hospitals, free access to the Internet.

Some of this organizations would like to join our network, but getting a dedicated leased line takes a while. We are thinking in packet radio as the solution for them.

We would like to invite a volunteer to help us a couple of days, designing a packet radio network, and selecting the required equipment.

We know that there are many documents and FAQs on this subject, but, at this time, don't have available staff for doing this research.

We will pay for the round trip from the U.S. to Quito, Ecuador (4 hours from

Miami, Florida), and cover all the hotel expenses for 4 days. We expect that we can work in this 2 days, and 2 additional days for touring (as a guest) beautiful Quito and its vicinities. Temperature here is close to 70 Far. (airline ticket in economy class).

Of course, we will pay taxis to and from airports and airport taxes. Our limited budget won't allow us to pay any type of reimbursment for proffesional services.

The intended network

We have Internet nodes (IBM RISC/6000 and SCO Unix) in several cities within the country. In each of them, we would like to have gateways to packet.

The volunteer will have to recomend equiptment for our nodes, as well as for the schools. He (or she) will also have to review with us the best options for the required frecuecy, etc., etc.

Appreciate your kind reply NOT to the list but to xbaquero@ecnet.ec

Regards

Xavier Baquero
Vicepresident, EcuaNet
Quito, Ecuador

(+593-2-433-006 ext 1410) Fax (+593-2-437-601)

The best time to come could be in october.

Date: Mon, 20 Sep 93 01:21:51 GMT
From: news!dg-rtp!webo!dg-webo.webo.dg.com!abraccket@uunet.uu.net
Subject: Monitoring Packet?
To: packet-radio@ucsd.edu

In article <1993Sep17.163731.22207@news.vanderbilt.edu>
HEAGYWS@ctrvax.Vanderbilt.Edu () writes:

>

>WB5BTZ-1>WA7KDC-2: <<RR5>>:

>WB5BTZ-1>WA&KDC-2: <<I05>>:

>To : JACK@ALLUS

>

>Many times there is no other text associated with these callsigns.

>Sometimes, however, I see entire conversations, but usually just callsigns.
>Is there any way to monitor the actual conversation or are these people
>just sending files or data that cannot be monitored?

>

>Thanks...Win

>=====

>

 Hello and welcome to Amateur Radio and Packet.
You did not tell us your TNC TYPE , But it sounds like you have the
"MONITOR" parameter restricted. Try the command " MON 6" if you are
using an "AEA" (ie: pk-232, pk-88 or some like that) I do not remember
the command for Kantronics TNC's but they will be simillar.
Look in the manual if you have one..

Good Luck

--

73-al

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Did I drop my .sig in the coffee??? Al Brackett
N1IQQ @ KA1RCI.RI (for those that know) abracket@dg-webo.webo.dg.com
Work For Peace / Plan For Conflict / You can't WIN if You don't TRY
[insert] Standard Disclaimer Here< > BLESS / PEACE

Date: Sun, 19 Sep 1993 18:18:16 GMT
From: vtserf.cc.vt.edu!news.vt.edu!aflorenc@uunet.uu.net
Subject: NF3I -- Scott Rosenfeld
To: packet-radio@ucsd.edu

Attention Scott Rosenfeld, NF3I, in Maryland. Please E-mail me.

Adam Florence
aflorenc@vt.edu

End of Packet-Radio Digest V93 #276
